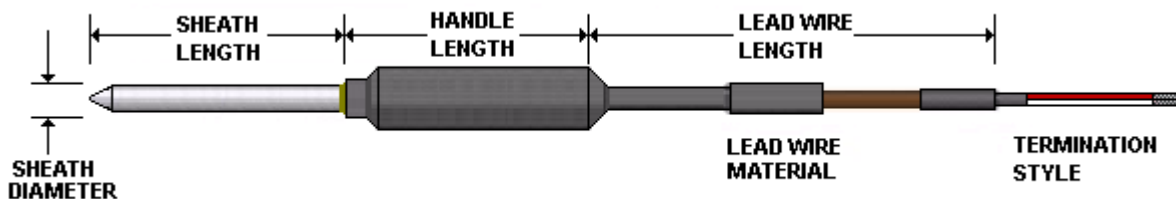


# Style TY1

## Insertion Type (Sharp tip) Thermocouple



### Ordering Information Part Number

① TY1	② Calibration	③ Sheath Diameter	④ Sheath Length (Whole In.)	⑤ Sheath Length (Fractional In.)	⑥ Junction	⑦ Handle Options	⑧ Lead wire Material	⑨ Lead wire length (In.)	⑩ Termination style	⑪ Special Features
TY1										

### Optional

② Calibration
J Type J (standard)
K Type K
T Type T
E Type E

③ Sheath Diameter
X .165"
Z .197"
Note <i>Thick wall tubing for added durability</i>
Note <i>Contact factory for other diameters</i>

④ Sheath Length (whole in.)
001"-006" Specify in Inches

⑤ Sheath Length (fractional in.)
A 0
B 1/8"
C 1/4"
D 3/8"
E 1/2"
F 5/8"
G 3/4"
H 7/8"

⑥ Junction
G Grounded (standard)
U Ungrounded

⑦ Handle Options (In.)
Q 3/8" diameter X 3" Long
R 1/2" diameter X 5" Long
Note <i>Contact factory for other handle configurations</i>

⑧ Lead wire material
A Fiberglass (800°F)
B Teflon FEP (400°F)
C Kapton (500°F)
E High temperature fiberglass (1200°F)
F <b>Fiberglass with stainless steel braid (800°F) (standard)</b>
G Teflon FEP with stainless steel braid (400°F)
H Fiberglass with armor cable (800°F)
J Teflon FEP with armor cable (400°F)
K Kapton with armor cable (500°F)
L High temperature fiberglass with armor cable (1200°F)
M Fiberglass/ Stainless steel braid with armor cable (800°F)
W Teflon with stainless steel braid with armor cable (400°F)
Y Teflon with stainless steel braid w/Teflon outer jacket (400°F)
Note <b>Wire gauge based on sheath diameter</b>

⑨ Lead wire length
006-600" Specify in Inches
Note <i>Over 600" contact factory</i>

⑩ Termination style
A 2" stripped leads (bare ends)
B 2" stripped leads w/ spade lugs
C Standard male plug (400°F)
D High temp male Plug (660°F)
E Max temp male Plug (800°F)
F Ceramic male plug (1200°F)
G Solid pin plug (400°F)
H Standard female jack (400°F)
J Miniature plug (400°F)
K Miniature jack (400°F)
L 2" stripped leads w/ #6 Ring terminals
W 2" stripped leads w/ pin terminals
Q 2" stripped leads w/ wire ferrules
X Extra long lead wire length (beyond 2" stripped leads) <i>(specify extra long lead wire length below)</i>
006"-240" 006"-240" Specify in Inches

⑪ Special features (Optional)
Note <i>Leave blank for no special features</i>
07 Cable clamp
09 Mating connector
18 Moisture protection boot on connector
21 Teflon coated armor cable
43 Heat shrink strain relief on transition fitting (6"long)

**SOUTHWEST HEATER AND CONTROLS**

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